FIG. 1-A

```
   1  ctcgcgttag gcaggtgaca gcaggacat  gtctcgggag atgcaggatg tagacctcgc
  61  tgaggtgaag cctttggtgg agaaagggga gaccatcacc ggcctcctgc aagagtttga
 121  tgtccaggag caggacatcg agactttaca tggcctgtt  cacgtcacgc tgtgtgggac
 181  tccaaggga  aaccggcctg tcatcctcac ctaccatgac atcggcatga accacaaaac
 241  ctgctacaac cccctcttca actacgagga catgcaggag atcacccagc acttttgccgt
 301  ctgccacgtg gacgcccctg accagcagga cggcgcagcc tccttcccg  caggtacat
 361  gtacccctcc atggatcagc tggctgaaat gcttcctgga gtccttcaac agtttgggct
 421  gaaaagcatt attggcatgg gaacaggagc aggcgcctac atcctaactc gatttgctct
 481  aaacaaccct gagatggtgg agggccttgt ccttatcaac gtgaaccctt gtgcggaagg
 541  ctggatggac tgggccgcct ccaagatctc aggatggacc caagctctgc cggacatggt
 601  ggtgtcccac cttttgggga aggagaaat  gcagagtaac gtggaagtgg tccacaccta
 661  ccgccagcac attgtgaatg acatgaaccc cggcaacctg cacctgttca tcaatgccta
 721  caacagccgg cgcgacctgg agattgagcg accaatgccg ggaacccaca cagtcaccct
 781  gcagtgccct gctctgttgg tggttgggga cagctgcct  gcagtggatg ccgtggtgga
 841  gtgcaactca aaattggacc caacaaagac cactctcctc aagatggcgg actgtggcgg
 901  cctcccgcag atctcccagc cggccaagct cgctgaggcc ttcaagtact tcgtgcaggg
 961  catggatac  atgccctcgg ctagcatgac ccgcctgatg cggtcccgca cagcctctgg
1021  ttccagcgtc acttctctgg atggcaaccg cagccgctcc cacaccagcg aggcaaccg
1081  aagccgctcc cacaccagcg agggcacccg cagccgctcg cacaccagcg aggggccca
1141  cctgacatc  accccaact  cgggtgctgc tgggaacagc gccgggcca  agtccatgga
1201  ggtctcctgc taggcggcct gcccagctgc cgcccccgga ctctgatctc tgtagtggcc
1261  ccctcctccc cggccccttt tcgcccctg  cctgccatac tgcgcctaac tcggtattaa
1321  tccaaagctt atttgtaag  agtgagctct ggtggagaca aatgaggtct attacgtggg
1381  tgccctctcc aaaggcgggg tggcggtgga gaagcaagca gaagcaagca tctccgcatc
1441  gcatcctctt ccattaacca gtggccggtt gccactctcc tcccctccct cagagacacc
```

FIG. 1-B


```
A ------------------------------------------------------------------------------- A
1501  aaactgccaa aaacaagacg cgtagcagca cacacttcac aaagccaagc ctaggccgcc
1561  ctgagcatcc tggttcaaac gggtgcctgg tcagaaggcc agccgcccac ttcccgtttc
1621  ctctttaact gaggagaagc tgatccagtt tccggaaaca aaatcctttt ctcatttggg
1681  gagggggta atagtgacat gcaggcacct ctttaaaca ggcaaaacag gaagggggaa
1741  aaggtgggat tcatgtcgag gctagaggca tttggaacaa caaatctacg tagttaactt
1801  gaagaaaccg attttttaaag ttggtgcatc tagaaagctt tgaatgcaga agcaaaacaag
1861  cttgattttt ctagcatcct cttaatgtgc agcaaaagca ggcgacaaaa tctcctggct
1921  ttacagacaa aaatatttca gcaaacgttg ggcatcatgg tttttgaagg cttttagttct
1981  gctttctgcc tctcctccac agccccaacc tcccacccct gatacatgag ccagtgatta
2041  ttcttgttca gggagaagat catttagatt tgttttgcat tccttagaat ggagggcaac
2101  attccacagc tgccctggct gtgatgagtg tccttgcagg ggccggagta ggagcactgg
2161  ggtggggtg gaattggggt tactcgatgt aaggattcc ttgttgttgt gttgagatcc
2221  agtgcagttg tgatttctgt ggatcccagc ttggttccag gaatttttgtg tgattggctt
2281  aaatccagtt ttcaatcttc gacagctggg gatcctcaga actctttgct aactcagtag ctgaacctgt
2341  ctgacccgt cacgttcttg gggagcggtg gctggaacgtg aactcagtag ctgaacctgt
2401  aactcacgtg gggagcggtg gctgagaaaa tgtaaggatt ctggaataca tattccatgg
2461  gactttcctt ccctctcctg cttcctcttt tcctgctccc taacctttcg ccgaatgggg
2521  cagcaccact gacgttctg ggcggccagt gcggctgcca ggttcctgta ctactgcctt
2581  gtactttca ttttggctca ccgtggattt tctcatagga agtttggtca gagtgaattg
2641  aatattgtaa gtcagccact gggacccgag gattttttggg acccgcgcagt gagtgaattg
2701  aagtagtcca gccttccagg tggcgtgaga ggcaatgact cgttacctgc cgcccatcac
2761  cttggaggcc ttccctggcc ttgagtagaa aagtcgggga tcggggcaag agaggctgag
2821  tacggatggg aactattgt gcacaagtct ttccagagga gtttcttaat gagatatttg
2881  tatttatttc cagaccaata aatttgtaac tttgcaaaa aaaaaaaaa gagatatttg
2941  aaaaaaaaa aaaaaaaaa aa
```

FIG. 1-C

```
  1  msremqdvdl  aevkplvekg  etitgllqef  dvqeqdietl  hgsvhvtlcg  tpkgnrpvil
 61  tyhdigmnhk  tcynplfnye  dmqeitqhfa  vchvdapgqq  dgaasfpagy  mypsmdqlae
121  mlpgvlqqfg  lksiigmgtg  agayiltrfa  lnnpemvegl  vlinvnpcae  gwmdwaaski
181  sgwtqalpdm  vvshlfgkee  mqsnvevvht  yrqhivndmn  pgnlhlfina  ynsrrdleie
241  rpmpgthtvt  lqcpallvvg  dsspavdavv  ecnskldptk  ttllkmadcg  glpqisqpak
301  laeafkyfvq  gmgympsasm  trlmrsrtas  gssvtsldgt  rsrshtsegt  rsrshtsegt
361  rsrshtsega  hlditpnsga  agnsagpksm  evsc
```
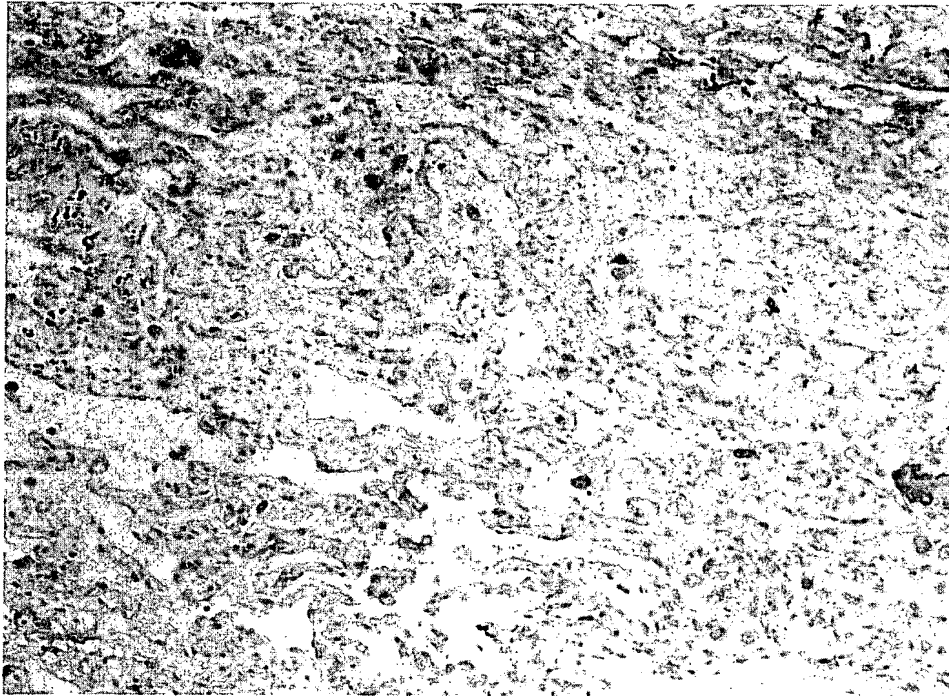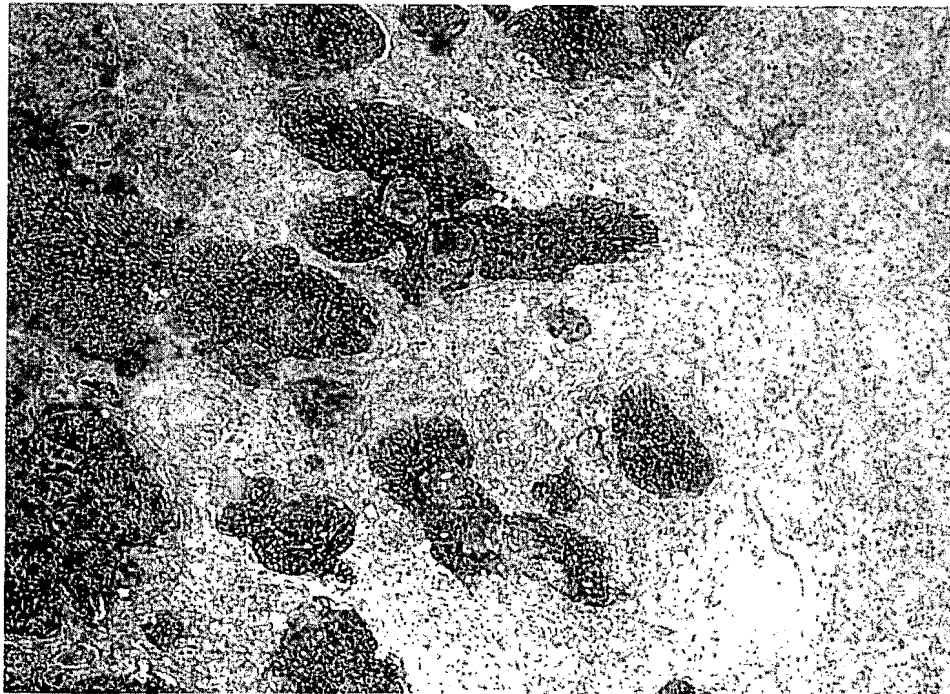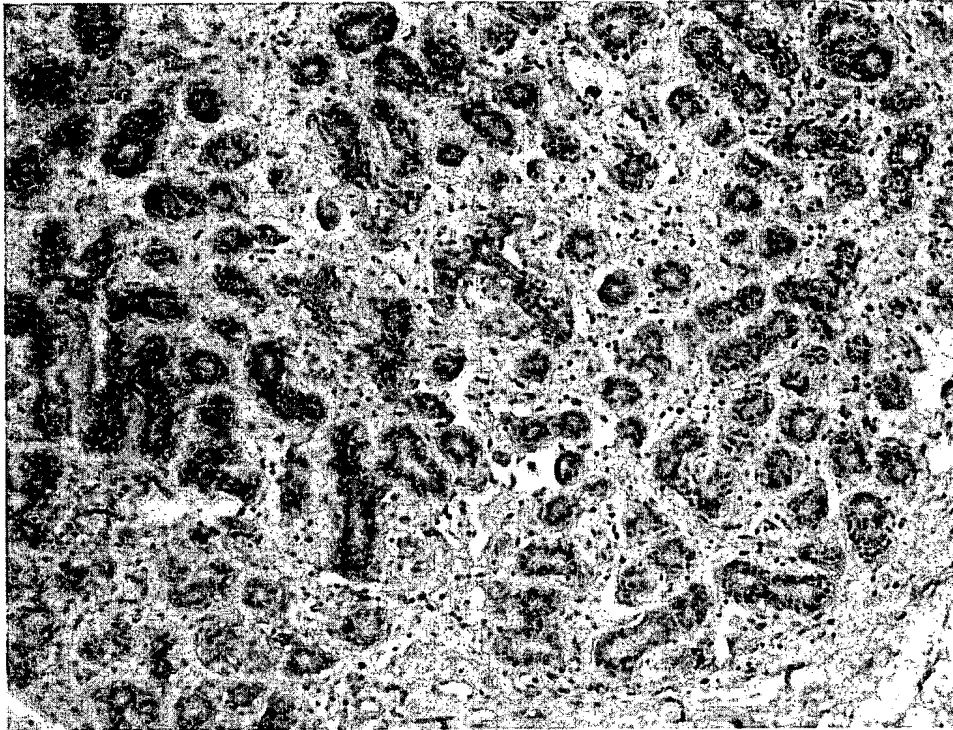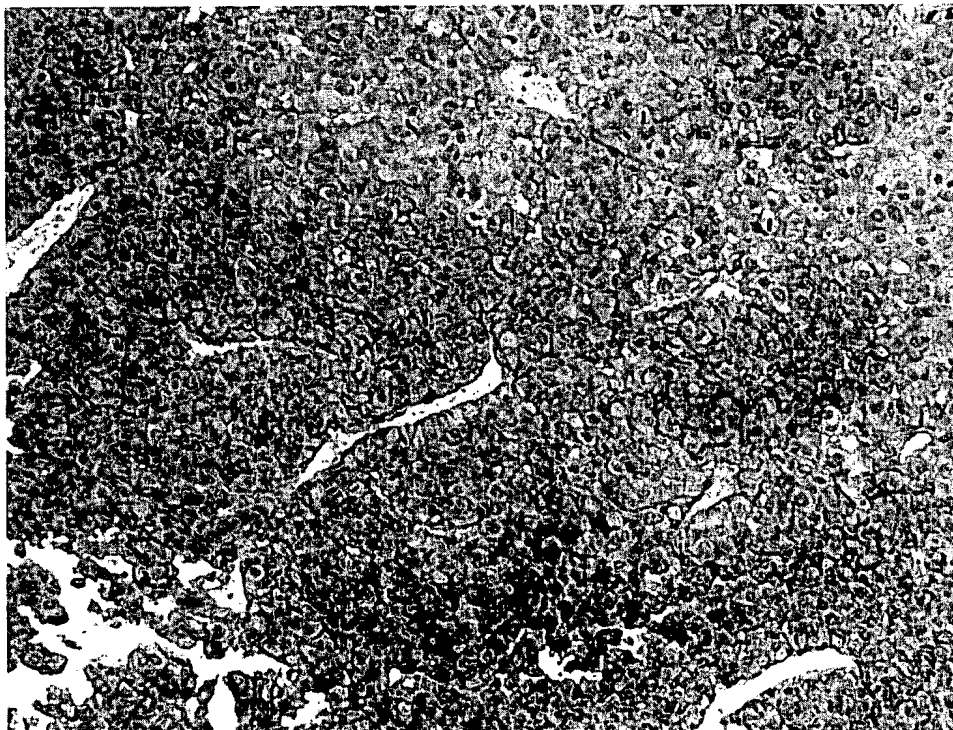
FIG. 2A

FIG. 2B

FIG. 3A

FIG. 3B

FIG. 4A
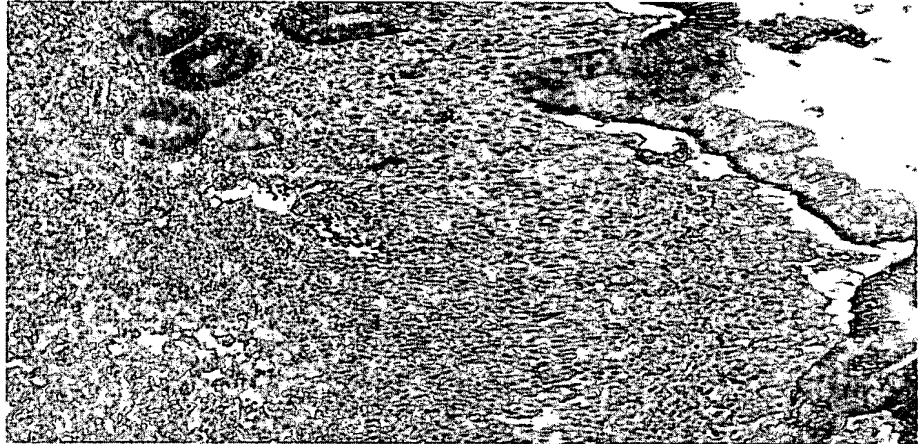
FIG. 4B

FIG. 4C

FIG. 5A

FIG. 5B
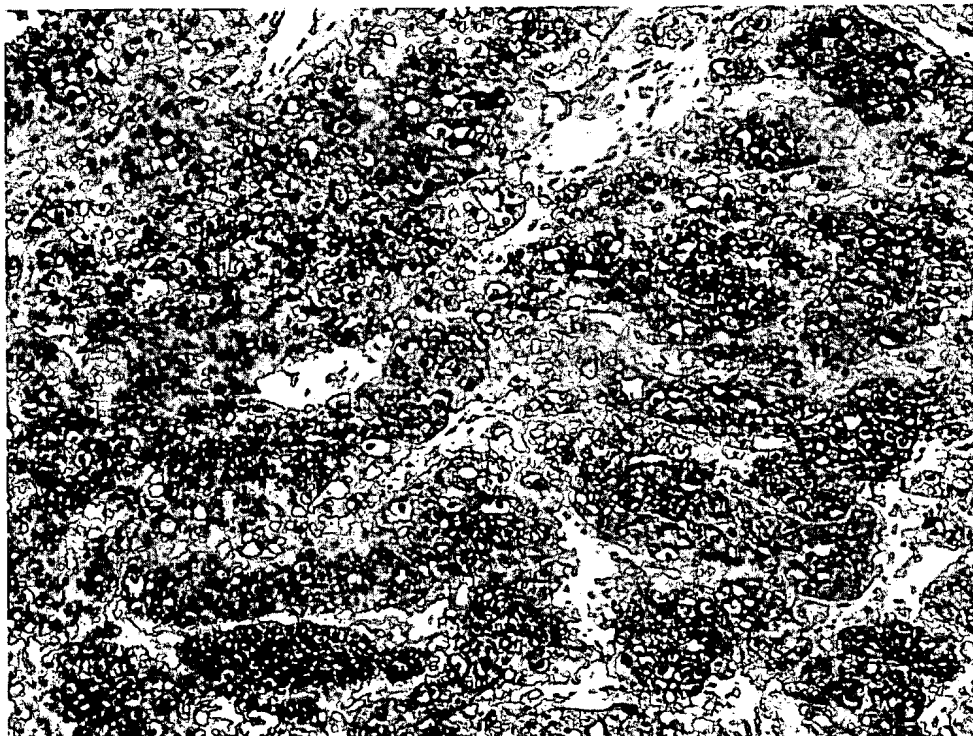
FIG. 6A
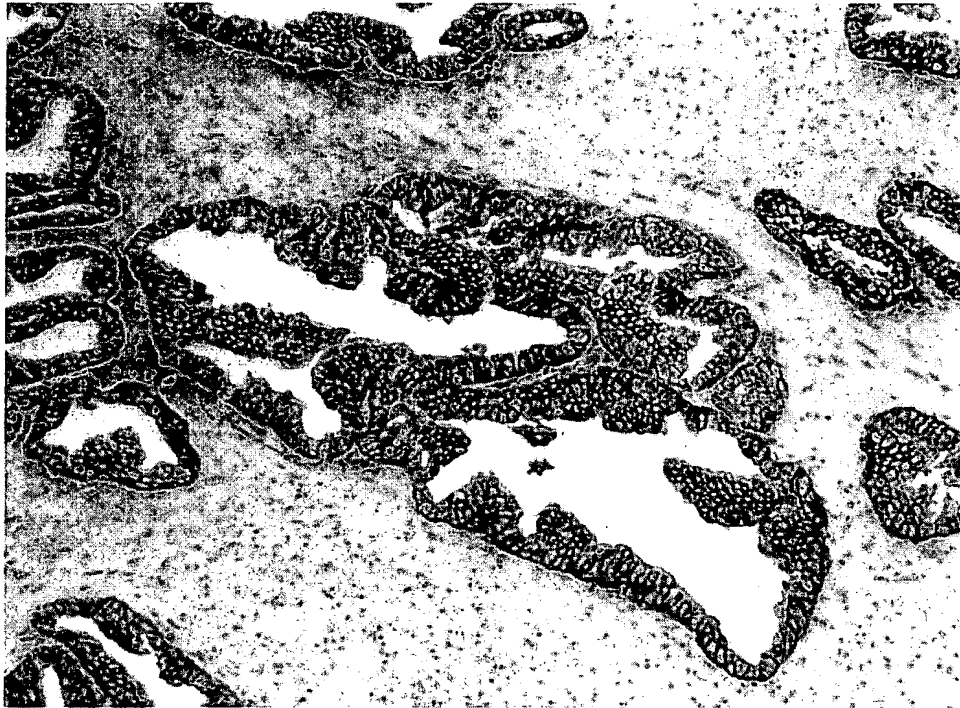
FIG. 6B
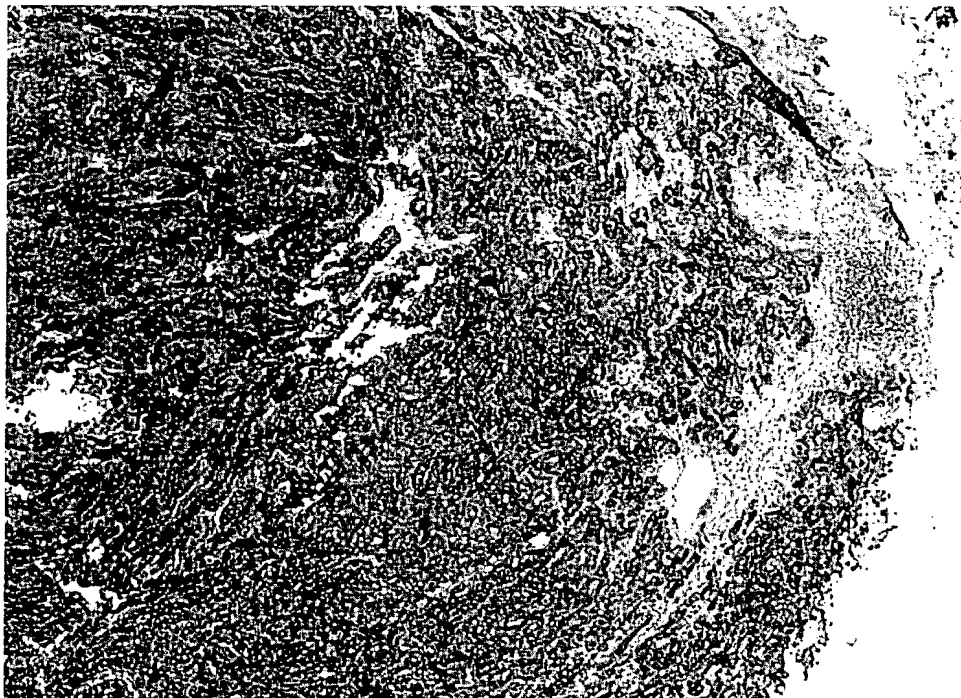
FIG. 7A
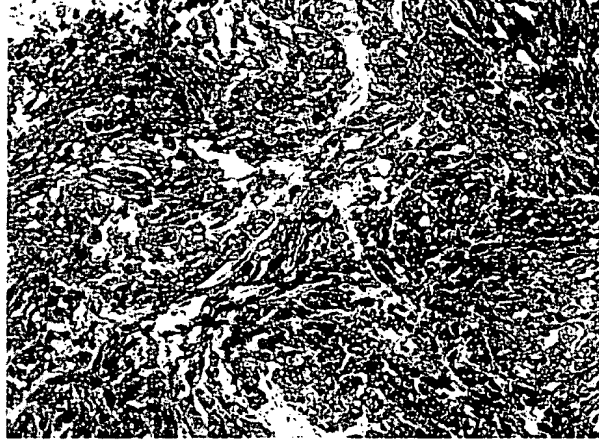
FIG. 7B
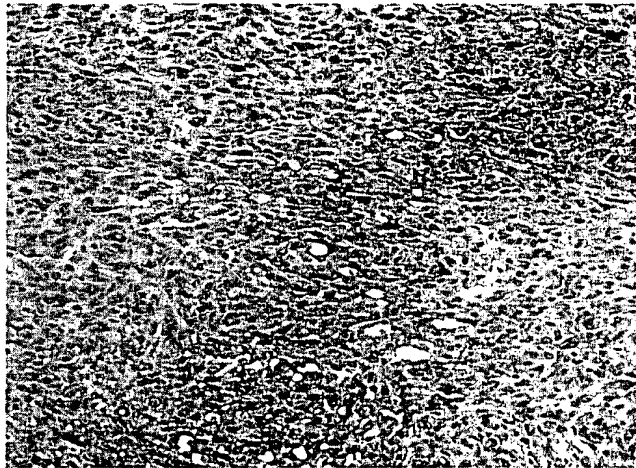
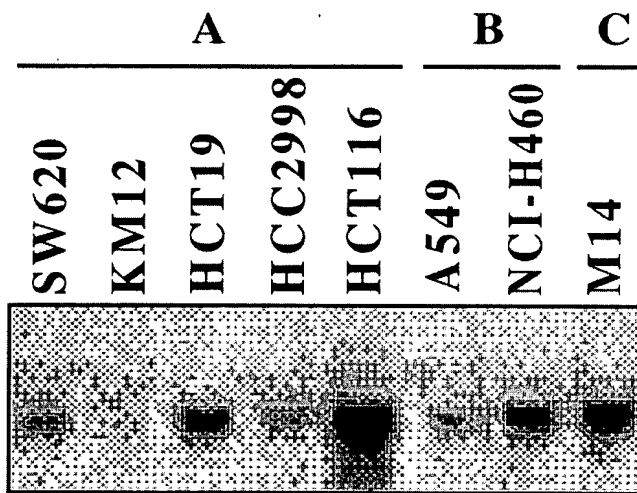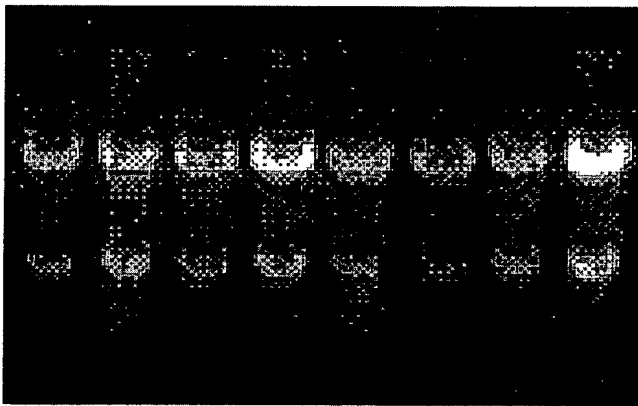## FIG. 7C
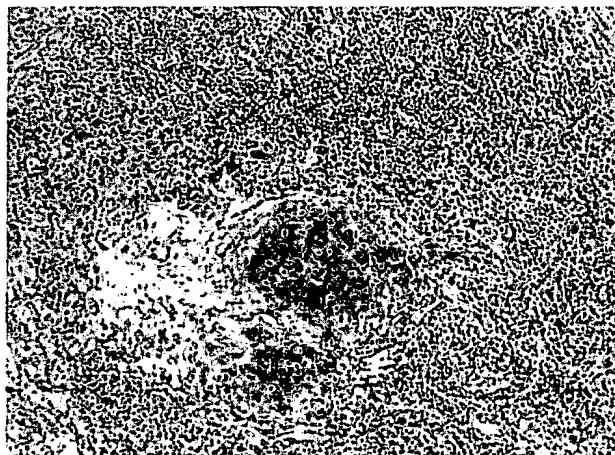
FIG. 8A
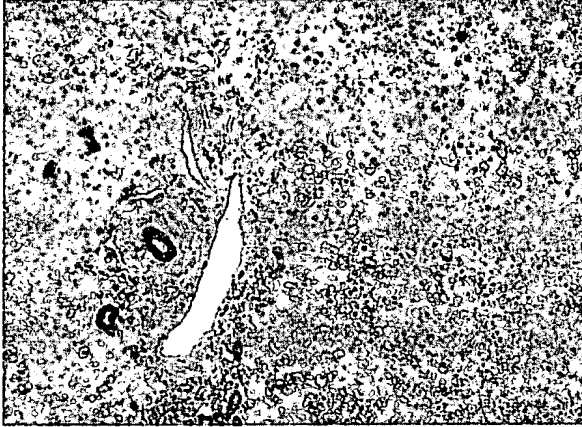
FIG. 8B
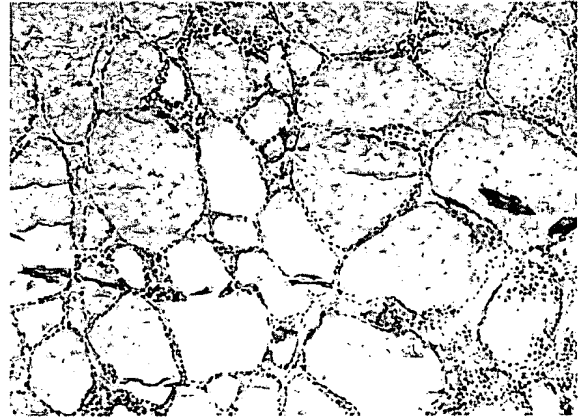
FIG. 8C

FIG. 8D
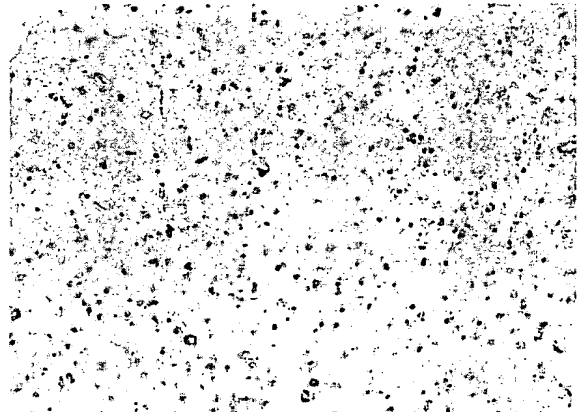
FIG. 9

A - Colon Carcinomas

B - Lung Adinocarcinomas

C - Melanomas

FIG. 10-A

```
tttcatcttt  tttgtagaga  tggacatca  ctatgttgtg  aaggctggtc  tcaaactcct   60

ggactcaaga  gaggcttctg  cattggcctc  ccaaagtgct  gggattacag  gtgtaagcca  120

ctctacctgg  acacaacatt  ttatttgaaa  taagaaaaat  tttccctcac  tgggaatgct  180

gcagttgaac  tagttcaaat  ccataaagaa  tggaagactg  cccagtggtc  attcattcac  240

ttattaattc  tagatgttaa  attttctagg  gtggggggaat  gtgctcctac  attcaaggca  300

ttcttgaatg  tagccaaact  ttgtagttta  gccaaacttc  atagctaata  gccaaacttt  360

gtagtttagc  caaactcttc  tagcagcaaa  acccatgaca  ctggaactct  gttcttcaca  420

ctggtcattt  gtaatagaat  aacagagctt  taggttctga  aagatcattg  480

aatctaatcc  tctccctttg  ccagtgagaa  ttctgaagcc  cagatttgtt  gatttgtgat  540

cgatagtgtc  aaagacaggc  ctgaaacaca  gatgtcctgg  gtcctagagg  tgctgtttgc  600

ccctctccat  atttcttttg  ttccagaaaa  cccttctcca  aaactggccc  taataatcag  660

aggggaaagc  catggcccct  gccttgggga  cagcatgggt  tggcacagaa  aagaggttta  720

caattcagca  ggaagtgttg  tgcgtgcgcg  cgtgtgtgtc  tgtggaggcg  cagggagggt  780
```

A------------------------------------A

A------------------------------------A

FIG. 10-B

```
A --------------------------------------------------------- A
  cacctgagct tgccctgggt ctggtcctgg gctcagtggc aaattcaacg ctgggcaggt  840

  ggcctgagga caatgacggt gccagctgtg agtcagactt cctttattca taaaatcatg  900

  ttcctccatg cagtgcttct caacctggct gcacgtcagg agccacctgg gtagctttgt  960

  aaaaacccca atgcccagtt ggtttgcacc ccctgagatt ctgattaaac tgttctggag  1020

  tccatctctc tctttttatt atctatctat ttatttattt tttaatttgg cggctcctct  1080

  gggacttctc atatgcagta ggggttgaga attgctggtt tctttggcca gatgggaaca  1140

  tgcaggccaa tagttacgca caaacagagc agcagagcag aggttggaaa  1200

  gggtgagtca tgaaagttca ggaaatcaga ataggaaggg gtgagaatcc tctcatctgg  1260

  gcttgtgggg caggagagaa gagcccagtg ggcaaggtcc agtgagtgtg cttagaactg  1320

  ggaagatgag gggaagggta ggcggtgggc ggcggtgggc aatatggacg agattaaacg  1380

  ggagcgagga tttcagcgag agctttggcg acacggaagg ctgagaatcg gagggagcct  1440

  gtcggggcgaa agcgaaggcg gctgctgggc aggcagccga atccggctgg agagccgagc  1500

  tggtgagacc tacaggaagt gaagggagtc gctcagggcg tggcgcaacg agactcttag  1560
B --------------------------------------------------------- B
```

FIG. 10-C

```
B--------------------------------------------------------------B
     aagaaactct gaggcagaga tggggggcct ccgcccatac ggajacacaa ggaagtccac 1620

     atgcacacgc acgagcgcgc acatgaacac gcacaagcac acaaacgcct cctccgggca 1680

     gggcacacgc gccgcctgca cccctggactc ggaggggact gcagagccga 1740

     cccacaaccc gggccccgat gcccctcccg gccgcgcccc tacgactgct tgcgcaacag 1800

     gcggcggctc cagtgggcgc ccgccgcgcg ctgccggagc ccagcccagc ccggcgcgcc 1860

     cgggaggagg gagcagggag cgggggaaggg gtgtgtcccg gctgcgtgct gggactgcga 1920

     gggtctggga ggggcgaggc gcggggggcgg ggccgcgggcg cctataaagt cgccctccgc 1980

     ccggacgtaa acaaacctcg cctggctccc agctggtgct gaagctcgtc agttcaccat 2040

     ccgccctcgg cttccgcggg gcgctggggc gccagcctcg gcaccgtcct ttcctttctc 2100

     cctcgcgtta ggcaggtgac agcagggcAT G                            2131
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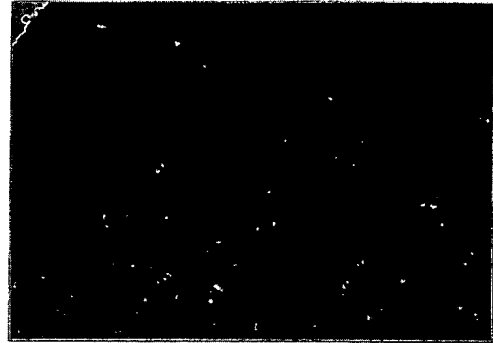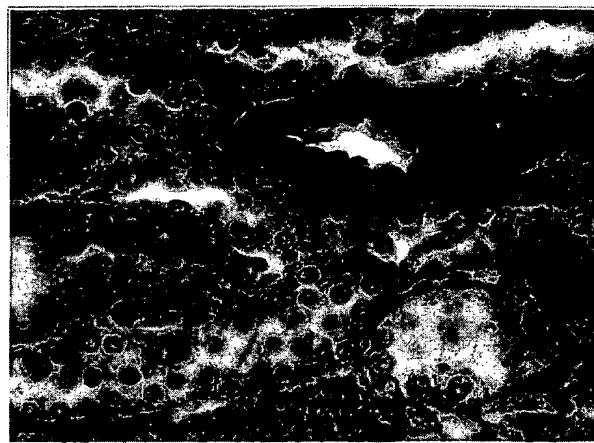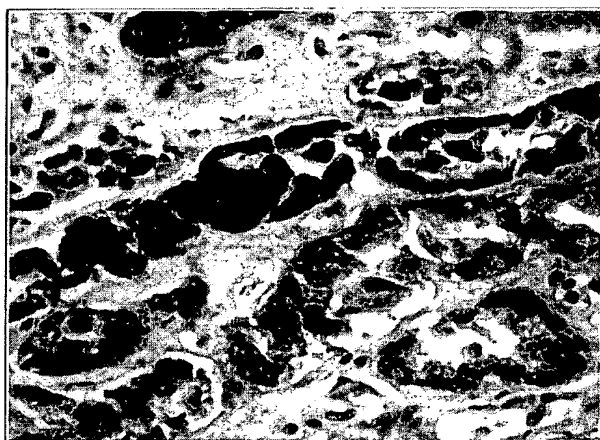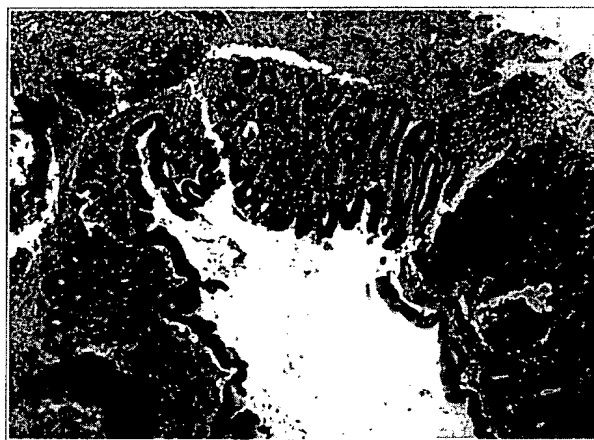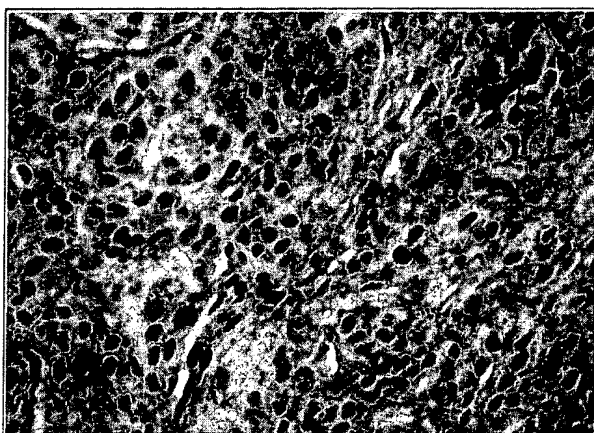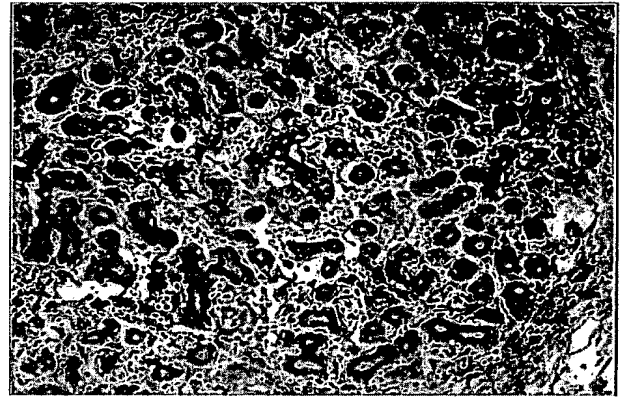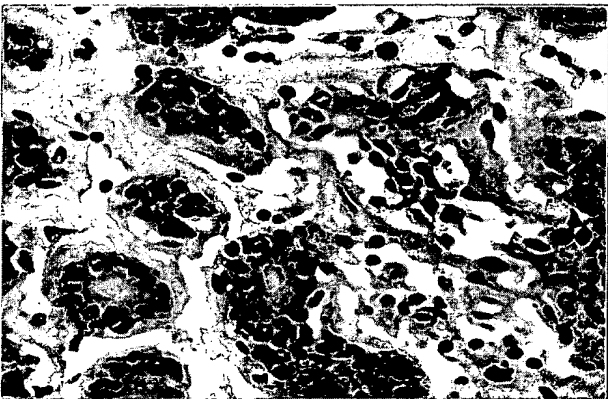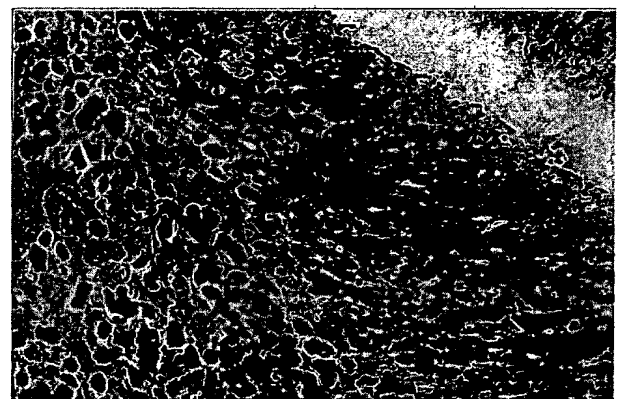
FIG. 11A

FIG. 11B

FIG. 11C
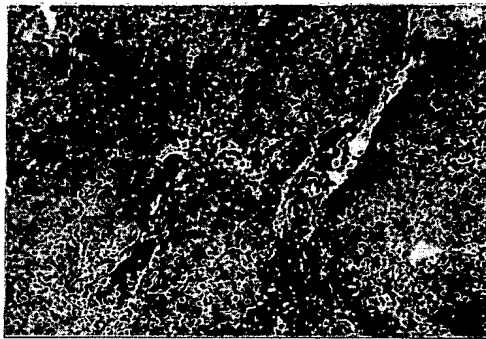
FIG. 11D

FIG. 11E
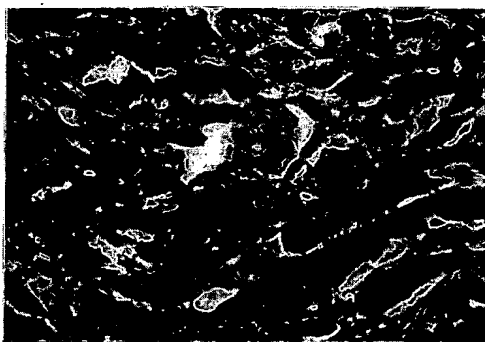
FIG. 11F
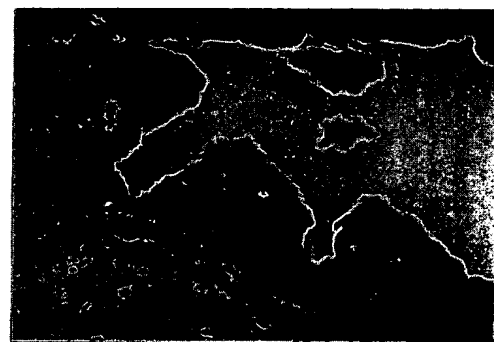
FIG. 11G
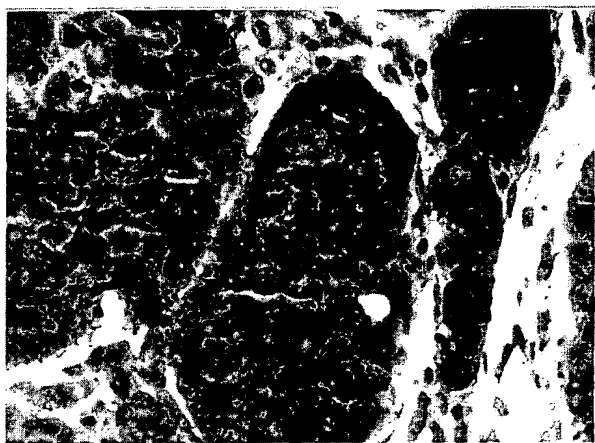
FIG. 11H

FIG. 11I

FIG. 11J

FIG. 11K

FIG. 11L

FIG. 11M
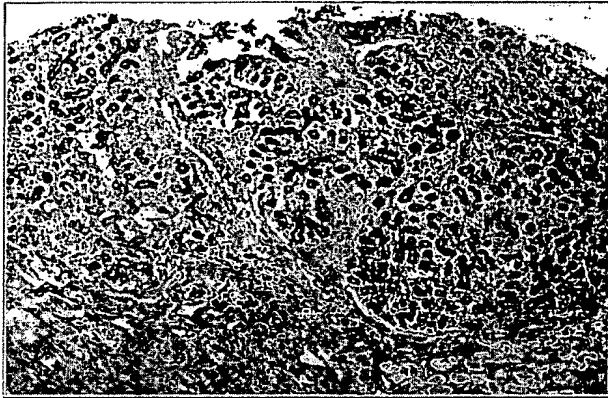
FIG. 12A

FIG. 12B

FIG. 12C

FIG. 12D

FIG. 12E
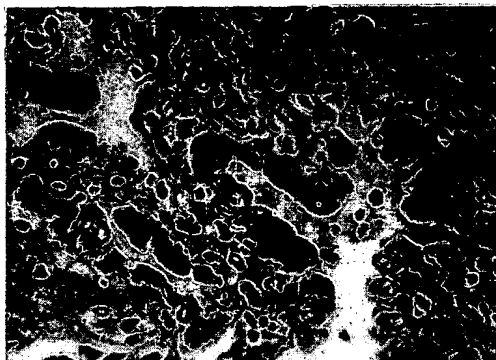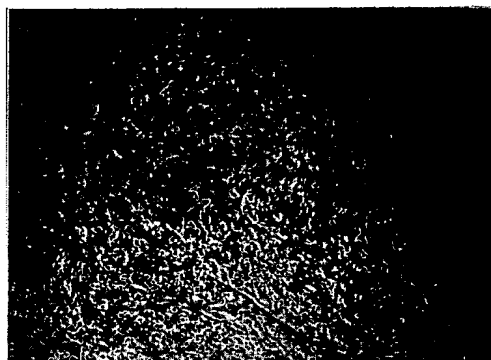
FIG. 13A

FIG. 13B

FIG. 13C
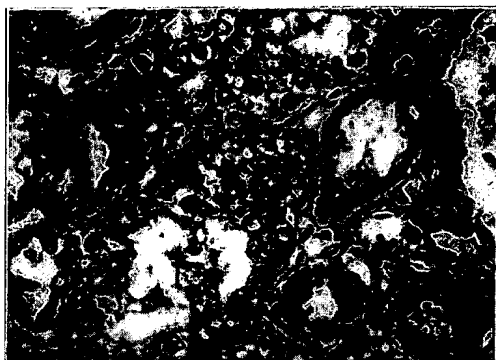
FIG. 13D

FIG. 13E

FIG. 13F

FIG. 13G